



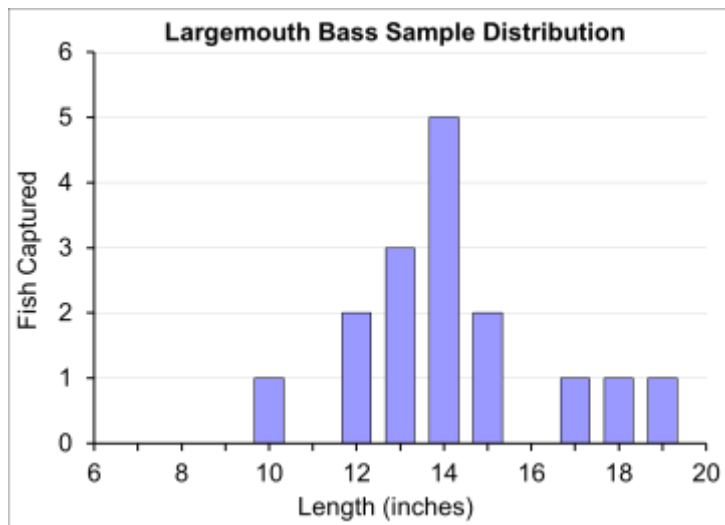
Wisconsin Department of Natural Resources Fishery Information Sheet

LAKE: Mondeaux Flowage

COUNTY: Taylor

YEAR: 2018

The 416-acre Mondeaux Flowage is a long, narrow impoundment on a tributary to the South Fork Jump River with moderately high fertility, maximum depth 10 feet, average depth 5 feet, and 22% of its surface area less than 3 feet deep. The U.S. Forest Service owns the dam and most of the shoreland. Reservoir level is periodically lowered 5 – 6 feet over winter to curb aquatic plant density and improve navigation in shallow bays with private shoreland, most recently in 2017 – 2018. In late spring 2018 when water temperature was 67°F, WDNR assessed bass and panfish populations by electrofishing.

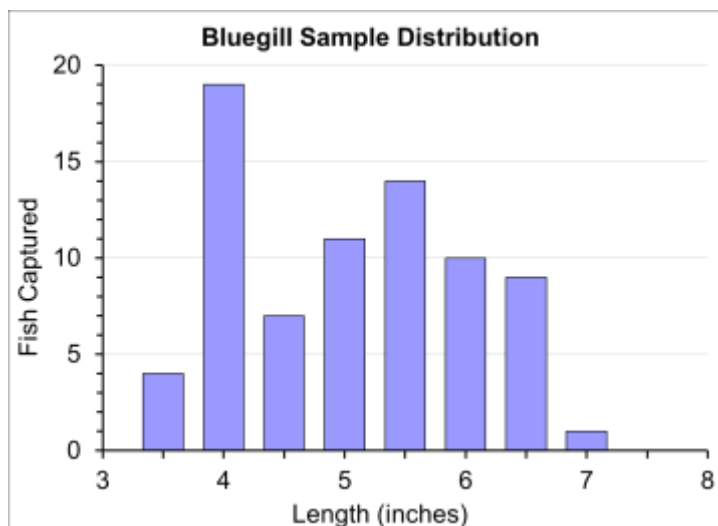


Largemouth Bass

We captured 16 largemouth bass ranging 10.5 – 19.7" and averaging 14.6" long. Our capture rate of 11.2 bass per hour decreased 72% and 58% from our catch rates in early and late May 2017. Despite the one-year decline, our 2018 measure of bass population abundance ranked higher than 72% of the catch rates in 26 spring electrofishing surveys completed since 1981. Nearly two thirds of the bass in our small sample were legal size at least 14" long, and 31% were 15" or longer.

Bluegill

Electrofishing yielded a sample of 75 bluegills, ranging 3.8 – 7.1" and averaging 5.2" long. Our capture rates of 56 bluegills ≥ 3 " per mile and 104 per hour indicated a population in low to moderate abundance that should have better size structure than our sample portrayed. Instead, their meager length distribution reflected crowded fish competing for food, growing slowly, and dying of natural causes before they can reach the sizes that anglers like to catch and keep. Only one bluegill was 7" or longer. Bluegill abundance was 2 – 4 times higher, and their size distribution was slightly better in both our spring 2017 surveys.



Other Species

Our sample also included a 30-inch muskellunge and 3 walleyes 11.9 – 18.7" that are all likely survivors of large fingerlings stocked by the Mondeaux Flowage Association in 2004 – 2016. Other panfish included 14 black crappies 3.8 – 7.8" (average 6.0"), 21 pumpkinseeds 3.3 – 7.1" (average 5.9"), and 16 yellow perch 4.7 – 7.0" (average 5.7").

For questions or additional information contact:

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